

**IN THE US PATENT AND TRADEMARK OFFICE**

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In re Application of: RIDDOCH, H.

Group Art Unit:

Application No: Unassigned

Batch:

Filed: Herewith

Examiner:

For: *External Rotor Brushless DC Motor*

**PRELIMINARY AMENDMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Dear Sir:

Please enter the following amendments prior to examination of this application.

**In the Claims**

Please cancel the present claims 1 - 37 in the international application and substitute therefor the following claims 38 - 55:

38. A fan having a frame manufactured from a plastics material and incorporating an external rotor brushless DC motor, the motor comprising:
- a stator assembly base having a base plate;
  - the stator assembly base being manufactured from a thermally conductive material;
  - a winding assembly affixed to the stator assembly base; and
  - circuitry associated with the motor, wherein the base plate is disposed between the circuitry and the winding assembly and has a side wall depending away from the winding assembly, the side wall being within an air flow generated, in use, by the fan and comprising part of a heat transfer path to dissipate heat away from the motor.
39. A fan according to Claim 38, wherein the circuitry is attached to or supported by the base plate.

Do Not Enter  
SFT 2/20/03